

USER MANUAL FOR TECH TITAN DATA FORCE 1

POWERED BY KASPERSKY LAB

HOME FOR DATA ENCRYPTION





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Introduction

- TECH TITAN Data Force 1 is a USB ciphering and anti-virus dongle.
- A dongle that can encrypt and offer anti-virus protection on diverse external USB storage.
- Not only transparently encrypts data but also protects data to be stored in any USB MSC drives, which include
 - Blue-Ray Disc, DVD, CD-R
 - USB flash drive
 - Hard disk
 - A flash card inserted into a USB card reader
- All your important data written to the external USB storage is automatically under the protection of TECH TITAN USB Anti-Virus powered by Kaspersky Lab and encrypted via TECH TITAN Data Force 1.

Specifications	Descriptions
Capacity	8 GB
Speed	up to 25MB/s read; 10MB/s write
Dimensions	53.3mm x 24.8mm x 10mm
Compatibility	Compliant with USB 1.1/2.0/3.0
Supported Devices	All USB MSC drives, including Blue-Ray Disc, DVD, CD-R, USB flash drive, hard disk and a flash card inserted into a USB card reader
Anti-Virus Protection	TECH TITAN USB Anti-Virus powered by Kaspersky Lab
Encryption	AES-256 hardware-based encryption, certified by US NIST (National Institute of Standard and Technology)/Canada CSE (Communications Security Establishment)
Supported Operating Systems Platform	Windows XP, Vista, 7 & 8
Limited Warranty	1 Year



Activation Code Redemption Guide

- 1. The product serial numbers can be found on the activation card.
- 3. Log on to <u>http://license.tech-titan.com</u>
- 4. Fill in the required details in the Redemption Form. Click "Redeem" button.
- 5. The Activation Code will be sent to you via email.

Activation Code Redemption

MEMBER LOGIN	Name	Full Name	×
MEMBER REGISTRATION	Serial Number	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	*
REDEEM ACTIVATION CODE	Company Name	Company Name	
SERIAL NUMBER REDEMPTION GUIDE	Tei	Tel	
	Mobile Number	Mobile No	×
		Please Input Valid Mobile Number : eg. 60161234567	
	Email	Email	*
	Confirm Email	Confirm Email	*
		Please Enter Correct Email Info Because Activation Code will be send via Email to you	
	Country	Choose Country	×
	Address	Address	
		///////////////////////////////////////	
	State	No Country Selected	*
	E-Newsletter ?	🗑 Yes, please.	
		Reset Redeem	



Activating the Program

1. Connect **TECH TITAN Data Force 1** to the computer via USB port.



Note: **TECH TITAN Data Force 1 cap** is one of the components in TECH TITAN Data Force 1 package which is used to initialize TECH TITAN Data Force 1.

2. Please go to Windows Explorer or My Computer and open the removable disk.



3. Select Run StartUse.exe.

🔟 StartUse.exe

4. Input your **Activation Code**. Activation is required in order to enable all of the program's features and receive free technical support.

TECH TITAN Data Force 1 Internet Registration	×
Please input activation code to activate this product.	
If you don't have activation code, please click 'Purchase' button to get the purchase information of activation code.	
Once you get activation code, please execute 'StartUse.exe' to activate this product.	
Purchase	
Input Activation Code OK Cancel	

Note: Internet connection is required for product activation.



Set Up Encryption Disk Login Password for TECH TITAN Data Force 1

1. Select New User First Initialization to create an Encryption Disk Login Password.



2. Define an **Encryption Disk Login Password** (at least 8 characters which includes 1 capital, 1 lower case letter, 1 symbol and 1 number) and save the backup Encryption password file in a safe place.

The Backup Encryption Password File will be used to duplicate a same TECH TITAN Data Force 1.

TECH TITAN	Data Force 1	Reports Settings Licensing	– X G Home
Encryption Real-Time Monitor	Manual Scan Public Disk	File Sync Update	Help
Create an Encryption Password (You must remember the encry • External USB storage connected to TECH TITAN Data Force 1 • Encryption password will be used to encrypt and decryp the • You are required to enter the correct encryption password to • An encryption password backup file is used to duplicate it to a New Login Password (At least 8 characters with at least 1 capit	ption password, which is unrecoverable.) will be defined as Encryption Disk. encryption disk. access the encryption disk each time. same or new TECH TITAN Data Force 1. al, 1 lower case letter, 1 symbol, and 1 num	ber.)	CH TITAN a Force 1 rst Time Login > 05/26/2014 (02:39:00) 16 Days
Confirm New Login Password		<u> </u>	
Login Password Hint		And	C
Please select the path and fill the file name to backup an encry	otion password	wse tructed to a st	
I Warning: If you forget the encryption password, the encryption disk will be	De inaccessable.	ULTIMATE COMP	UTER ANTI-VIRUS

Note: If you forget the Encryption Disk Login Password, the Encryption disk will be inaccessible.



3. Unplug TECH TITAN Data Force 1 cap.





Encrypt and Decrypt an External USB Storage (Full Disk Encryption)

1. Connect the **external USB storage** to TECH TITAN Data Force 1.



- 2. Run the TECH TITAN Data Force 1 program.
- 3. Access the external USB storage by input the **Encryption Disk Login password**.

TECH TITAN	Data Force 1	Reports	Settings Licensing	– × G Home 🏠
Encryption Disk Login Password Settings	onitor Manual Scan Public	Disk File Syn	c Update	Help H TITAN Force 1 D2 SP11/2014 (14:45:00) Days SP11/2014 (14:45:00) Days SP11/2014 (14:45:00) Days



4. System prompts a message if you accept to **format the Encryption Disk**. (An external USB storage that is connected to TECH TITAN Date Force 1)

Note: Ensure you have backed up all the data before proceed to format the external USB storage.

Note: If the connected external USB storage is not formatted, please process. Formatting the external USB storage will erase any previously sa	begin the formatting ved data.
To logout encryption disk, please select logout.	Logout
Password Settings	
Microsoft Windows	
You need to format the disk in drive F: before you can use it.	
Do you want to format it?	
Format disk Cancel	

- 5. File to be copied from computer to **Encryption Disk** will be encrypted.
- 6. To access the decrypted data in the external USB storage, **repeat step: 1 to 3**.



File Level Encryption

File Level Encryption can be performed on the files in **8GB** capacity of TECH TITAN Data Force 1 and any files on the computer to prevent important data to be disclosed. You can share the encrypted files with your friends, family or business partner with more secure and private sharing.

- 1. Run the TECH TITAN Data Force 1 program.
- 2. Input the Encryption Disk Login Password.
- 3. Select a file to perform File Level Encryption.

4. Right click on the file and select **TTDF1 File Encryption**.



5. To decrypt the file, right click on the file and select **TTDF1 File Decryption**.



Note: System files on the 8GB capacity of TECH TITAN Data Force 1 is not allowed for encryption.

If you have more than one TECH TITAN Data Force 1 (TTDF1) with different Encryption Disk ID, File with Multi-Level Encryption can be performed via the following methods:

Method 1:

- A file is encrypted via TTDF1 A and then encrypted via TTDF1 B
- The encrypted file shall be decrypted via TTDF1 B first, follow by TTDF1 A respectively

Method 2:

- Multiple files are encrypted via TTDF1 A and then encrypted via TTDF1 B
- The encrypted files shall be decrypted via TTDF1 B first, follow by TTDF1 A respectively



Cloud Sync Encryption

Sync files between external USB storage and Dropbox cloud storage to keep your files completely private.

TECH TITAN Data Force 1	ports Settings Licensing Home
Image: Cryption Real-Time Monitor Manual Scan Public Disk File Encryption Disk Note: If the connected external USB storage is not formatted, please begin the formatting process. Please clck Disk Management to format the external USB storage. Formatting the external USB storage will erase any previously saved data. More about Encryption Disk for the external USB storage. Formatting the external USB storage will erase any previously saved data. More about Encryption Disk for the external USB storage. More about Encryption Disk for the external USB storage More about Encryption Oisk for the external USB storage. Encryption or Decryption What is Cloud Sync Encryption What is Cloud Sync Encryption? More about Cloud Sync Encryption? Encryption Disk ID © Dropbox Encryption Disk ID AA0000000000909044 Disk (?:) Space Used: 123,402MB Total: 150,299MB Remain: 26,921MB Encryption Disk Remain: 0MB Remain: 0MB	sync Update Help

- 1. Run the TECH TITAN Data Force 1 program.
- 2. Input the Encryption Disk Login password.
- 3. Access the external USB storage by input the Encryption Disk Login password.
- 4. Copy the files into external USB storage which you want to sync to Dropbox cloud storage.
- 5. Click Sync button.

Oropbox		Encryption Disk - Select an Encryption Disk (G:) 🔻
Encrypted Cloud Folder		Encryption Disk ID
C:\Users\Test User\Dropbox\TTDF1_AA000000	€€	AA0000000009044
Disk (C:) Space Used: 121,103MB Total: 150,299MB Remain: 29,196MB		Disk (G:) Space Used: 3MB Total: 7,547MB Remain: 7,544MB
		Completed Percentage: 0% Sync
		Completed Percentage: 100% Sync



6. The files in local **Encrypted Cloud Folder** (C:\Users\[User Name]\Dropbox\Encryption Disk ID) will be synced with **TECH TITAN DATA Force 1 Folder in Dropbox** (TTDF1_Encryption Disk ID).

Local Encrypted Cloud Folder (C:\Users\[User Name]\Dropbox\Encryption Disk ID)



TTDF1_Encryption Disk ID

TECH TITAN DATA Force 1 Folder in Dropbox (TTDF1_Encryption Disk ID)



TTDF1_ Encryption Disk ID



Duplicate a Backup TECH TITAN Data Force 1

If the Master TECH TITAN Data Force 1 is lost or broken, all the data stored in external USB storage through this master TECH TITAN Data Force 1 will be inaccessible.

You are recommended to duplicate several backups on TECH TITAN Data Force 1.

- Before you can duplicate a backup TECH TITAN Data Force 1, ensure you have set up a master TECH TITAN Data Force 1 previously.
- To duplicate a backup TECH TITAN Data Force 1, please ensure you have the <u>Encryption Disk</u> Login Password and <u>Encryption Password File</u>.
- 1. Perform Step 1-3 at Page 7 to set up a new TECH TITAN Data Force 1.
- 2. Select **Import the Backup Encryption Password if** you have a master TECH TITAN Data Force 1 and would like to duplicate a backup TECH TITAN Data Force 1.

TECH TIT	AN	Data Force	1	Reports Settings	Licensing	
Encryption Encryption New User First Initializatic Create an Encryption Pa Import the Backup Encry Duplicate a TECH TITAM	Real-Time Monitor	Manual Scan	Public Disk f you have lost a	File Sync	Update Help TECH TITAN Data Force 1 First Time Login> Times: Databases: 07/04/2014 (13:45:00) License: 325 Days	
First Initialization	1 or for another unit with the Import Encryption password	same backup encrypti	on password	truster ULETIMA	best tecomputer anti-virus	

3. Browse the path that master TECH TITAN Data Force 1 Encryption password file is stored. Input the Encryption Disk Login Password that you have set for TECH TITAN Data Force 1 previously.



П ТЕСН ТІТ	AN	Data Force	1 Rep	oorts Settings I	Licensing Home
Encryption Import the Backup Encryption Please select the backup Please input the login pase	Real-Time Monitor	Manual Scan	Public Disk Browse the import Cancel	File Sync	Update Help

- 4. A successful duplication message will display on screen.
- 5. The duplication procedure is complete. Unplug the TECH TITAN Data Force 1 cap.
- 6. Follow the steps at Page 9 to encrypt and decrypt an external USB storage.



TECH TITAN USB Anti-Virus

High-end USB Anti-Virus Protection

TECH TITAN Data Force 1 is integrated with TECH TITAN USB Anti-Virus powered by Kaspersky Lab. The latest security technology from Kaspersky Lab offers a powerful disinfection engine which protects against any newly released threats.

Protection on the move

Offers real-time virus detection and protection to secure your data stored within TECH TITAN Data Force 1 device and external USB storage.

Automatic Updates

Automatic updates of virus signatures and latest USB virus vaccines which improve its defense line against existing and unknown threats.

1. Click on Update.



Note: Internet connection is required to download the latest virus signatures.

Please perform update regularly to ensure that TECH TITAN Data Force 1 is protected from the latest threats.



Manual Scan

TECH TITAN	Data Force 1	Reports Settings Licensing
Critical Areas to Scan: System Memory/Startup Objects/Boot Sectors Folders or Files to Scan Computer Computer Computer DVD RW Drive (D:) DVD RW Drive (D:) Removable Disk (F:)	Monitor Manual Scan Public Disk Fi Scanned Results of Critical Areas System Memory Startup Objects Boot Sectors Number of Scanned Files: 0 Malware Files: 0 Suspected Files: 0 Disinfected Files: 0 Quarantined Files: 0 Elapsed Time (Hours:Minutes:Seconds): 0:00:00 Completed Percentage: 0%	te Sync Update Help Safe Secured Detabases: 09/11/2014 (19:10:00) License: 258 Days

File Synchronization

Uses 'smart technology' to synchronize your files in bulk folders in just a few clicks. **File Sync** allows you to sync and backup the important documents from a folder on the computer to the folder in encryption disk.

1. Login to Encryption to access File Sync.

TECH TITAN	Data Force 1	Reports Settings Licens	ing Home
C Encryption Real-Time Monitor	Manual Scan Public Disk	File Sync Update	Help
Computer - Input a sync folder Computer Computer Computer Create Folder New Volume (E:) Create Folder Append Refresh Create Folder Append Relation	Encryption Disk - Input a sync fold	er (1;) Safe Secured Threat Database	TECH TITAN Data Force 1 Logout> 5: 0 1959:5: 05/11/2014 (14:45:00)
Disk (None) Space Used: No drive specified Total: No drive specified Remain: No drive Total:	(I:) Space Used: 0MB 0MB Remain: 0MB	-93	
Sync Relation Table Computer - Sync Folder Encryption Disk - Sync	Folder Save Sync Relat	ion Table	
Elapsed Time (Hours:Minutes:Seconds): 00:00:00 Complete	d Percentage: 0% Sync	ULTIMATE CO	ST MPUTER ANTI-VIRUS



- Select a folder from the tree-view List: Computer Input a sync folder. Select a folder from the tree-view List: Encryption Disk – Input a sync folder.
- 3. Click on Append Relation.

TECH TITAN	Dat	a Force 1 Repor	ts Settings Licensing Home
Encryption Real-Time Monito Computer - Input a sync folder Refrest	r Manual Sca	IN Public Disk File S	ync Update Help
Create Fo	Ider	ovable Disk (2:) ync Folder Test	Secured Logout Threats: 0 Databases: 06/11/2014 (14:45:00)
Disk (None) Space	License: 346 Days		
Used: No drive specified		Used: OMB	
Total: No drive specified Remain: No drive	Total: OMB	Remain: 0MB	
Sync Relation Table Computer - Sync Folder Save Sync Relation Table Save Sync Relation Table		Save Sync Relation Table	
C:\Users\TECH TITAN\Test J:\Sync Folder Te	est	Load Sync Relation Table	Asy Choose Superstar International Superstar Kaspersky Ambassador
		Backup Sync Relation Table	
		Invert Select Delete	trusted best
Elapsed Time (Hours:Minutes:Seconds): 00:00:00 Com	pleted Percentage:	0% Sync	ULTIMATE COMPUTER ANTI-VIRUS

- 4. As you click on **Append Relation**, one sync relation between "Computer Sync Folder" and "Encryption Disk Sync Folder" is built.
- 5. To append more sync relation folders, **repeat step: 2 to 4**.

TECH TITAN	Dat	a Force 1 Rep	orts Settings Licensing	– X G Home
Encryption Real-Time Monitor	Manual Sca	n Public Disk File	Sync Update	Help
Computer - Input a sync folder Computer Computer Create Folder Create Folder Create Folder Append Refresh) - Encryption D	isk - Input a sync folder (J:) - vvable Disk (J:) ync Folder Test er Test	Safe Secured TEC Data Log Threats: 0 Databases:	H TITAN Force 1 put >
Disk (None) Space	k (J:) Space		Litense. 340	- Days
Used: No drive specified Total: No drive specified Remain: No drive Tota Sync Relation Table	al: OMB	Used: OMB Remain: OMB	-94	
Computer - Sync Folder Encryption Disk - Sync Folder		Save Sync Relation Table	尚杰伦 Jay Chou	169
C:\Users\TECH TITAN\Test J:\Sync Folder Test C:\Users\TECH TITAN\Test 2 J:\Sync Folder Test 2	2	Load Sync Relation Table Backup Sync Relation Table Invert Select Delete	trusted best	
Elapsed Time (Hours:Minutes:Seconds): 00:00:00 Complet	ted Percentage:	0% Sync	ULTIMATE COMPU	TER ANTI-VIRUS

6. Click on **Sync** to start file syncing.



Licensing

- 1. Click on Licensing.
- 2. You will be directed to TECH TITAN website to renew TECH TITAN Data Force 1 license.





Technical Support

TECH TITAN LIMITED

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Note: Please visit the above support web link to get the local technical support contact details for your respective geographical location.